

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 09/622,104A
Source: IFW/b
Date Processed by STIC: 4/21/05

ENTERED



IFW16

RAW SEQUENCE LISTING

DATE: 04/21/2005

PATENT APPLICATION: US/09/622,104A

TIME: 11:55:30

Input Set : A:\18528038.txt

Output Set: N:\CRF4\04212005\I622104A.raw

3 <110> APPLICANT: BEELEY, NIGEL R.A.
 4 PRICKETT, KATHRYN S.
 5 BEAUMONT, KEVIN
 7 <120> TITLE OF INVENTION: NOVEL MIXED AMYLIN ACTIVITY COMPOUNDS
 9 <130> FILE REFERENCE: 18528-038
 11 <140> CURRENT APPLICATION NUMBER: 09/622,104A
 12 <141> CURRENT FILING DATE: 2001-07-17
 14 <150> PRIOR APPLICATION NUMBER: PCT/US99/02603
 15 <151> PRIOR FILING DATE: 1999-02-05
 17 <150> PRIOR APPLICATION NUMBER: 60/074,746
 18 <151> PRIOR FILING DATE: 1998-02-13
 20 <160> NUMBER OF SEQ ID NOS: 32
 22 <170> SOFTWARE: PatentIn Ver. 3.3
 24 <210> SEQ ID NO: 1
 25 <211> LENGTH: 29
 26 <212> TYPE: PRT
 27 <213> ORGANISM: Artificial Sequence
 29 <220> FEATURE:
 30 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 31 peptide construct
 33 <220> FEATURE:
 34 <223> OTHER INFORMATION: C-term amidated
 36 <400> SEQUENCE: 1
 37 Leu Ser Thr Cys Val Leu Gly Arg Leu Ser Gln Glu Leu His Arg Leu
 38 1 5 10 15
 40 Gln Thr Tyr Pro Arg Thr Asn Thr Gly Ser Asn Thr Tyr
 41 20 25
 44 <210> SEQ ID NO: 2
 45 <211> LENGTH: 28
 46 <212> TYPE: PRT
 47 <213> ORGANISM: Artificial Sequence
 49 <220> FEATURE:
 50 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 51 peptide construct
 53 <220> FEATURE: /
 54 <221> NAME/KEY: MOD_RES
 55 <222> LOCATION: (1)
 56 <223> OTHER INFORMATION: 4-methylpentanoyl-Ser
 58 <220> FEATURE:
 59 <221> NAME/KEY: MOD_RES /
 60 <222> LOCATION: (6)
 61 <223> OTHER INFORMATION: Aib
 63 <220> FEATURE:

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64 <221> NAME/KEY: MOD_RES
65 <222> LOCATION: (7)
66 <223> OTHER INFORMATION: Lys(for)
68 <220> FEATURE:
69 <221> NAME/KEY: MOD_RES
70 <222> LOCATION: (13)
71 <223> OTHER INFORMATION: Aib
73 <220> FEATURE:
74 <221> NAME/KEY: MOD_RES
75 <222> LOCATION: (14)
76 <223> OTHER INFORMATION: Lys(for)
78 <220> FEATURE:
79 <223> OTHER INFORMATION: C-term amidated
81 <400> SEQUENCE: 2
W--> 82 Ser Thr Ala Val Leu Xaa Lys Leu Ser Gln Glu Leu Xaa Lys Leu Gln
83      1          5          10          15
85 Thr Tyr Pro Arg Thr Asn Thr Gly Ser Gly Thr Pro
86      20          25
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90 <211> LENGTH: 29
91 <212> TYPE: PRT
92 <213> ORGANISM: Artificial Sequence
94 <220> FEATURE:
95 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
96      peptide construct
98 <220> FEATURE:
99 <221> NAME/KEY: MOD_RES
100 <222> LOCATION: (1)
101 <223> OTHER INFORMATION: Ac-Leu
103 <220> FEATURE:
104 <223> OTHER INFORMATION: C-term amidated
106 <400> SEQUENCE: 3
107 Leu Ser Thr Ser Val Leu Gly Arg Leu Ser Gln Glu Leu His Arg Leu
108      1          5          10          15
110 Gln Thr Tyr Pro Arg Thr Asn Thr Gly Ser Asn Thr Tyr
111      20          25
114 <210> SEQ ID NO: 4
115 <211> LENGTH: 29
116 <212> TYPE: PRT
117 <213> ORGANISM: Artificial Sequence
119 <220> FEATURE:
120 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
121      peptide construct
123 <220> FEATURE:
124 <223> OTHER INFORMATION: C-term amidated
126 <400> SEQUENCE: 4
127 Leu Ser Thr Ala Val Leu Gly Arg Leu Ser Gln Glu Leu His Arg Leu
128      1          5          10          15
130 Gln Thr Tyr Pro Arg Thr Asn Thr Gly Ser Asn Thr Tyr

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131          20          25
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135 <211> LENGTH: 29
136 <212> TYPE: PRT
137 <213> ORGANISM: Artificial Sequence
139 <220> FEATURE:
140 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
141     peptide construct
143 <220> FEATURE:
144 <223> OTHER INFORMATION: C-term amidated
146 <400> SEQUENCE: 5
147 Leu Ser Thr Ser Val Leu Gly Arg Leu Ser Gln Glu Leu His Arg Leu
148   1          5          10          15
150 Gln Thr Tyr Pro Arg Thr Asn Thr Gly Ser Asn Thr Tyr
151          20          25
154 <210> SEQ ID NO: 6
155 <211> LENGTH: 29
156 <212> TYPE: PRT
157 <213> ORGANISM: Artificial Sequence
159 <220> FEATURE:
160 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
161     peptide construct
163 <220> FEATURE:
164 <221> NAME/KEY: MOD_RES
165 <222> LOCATION: (1)
166 <223> OTHER INFORMATION: Ac-Leu
168 <220> FEATURE:
169 <223> OTHER INFORMATION: C-term amidated
171 <400> SEQUENCE: 6
172 Leu Ser Thr Ala Val Leu Gly Arg Leu Ser Gln Glu Leu His Arg Leu
173   1          5          10          15
175 Gln Thr Tyr Pro Arg Thr Asn Thr Gly Ser Asn Thr Tyr
176          20          25
179 <210> SEQ ID NO: 7
180 <211> LENGTH: 29
181 <212> TYPE: PRT
182 <213> ORGANISM: Artificial Sequence
184 <220> FEATURE:
185 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
186     peptide construct
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189 <221> NAME/KEY: MOD_RES
190 <222> LOCATION: (1)
191 <223> OTHER INFORMATION: Ac-Leu
193 <220> FEATURE:
194 <223> OTHER INFORMATION: C-term amidated
196 <400> SEQUENCE: 7
197 Leu Ser Thr Cys Val Leu Gly Arg Leu Ser Gln Glu Leu His Arg Leu
198   1          5          10          15

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Input Set : A:\18528038.txt

Output Set: N:\CRF4\04212005\I622104A.raw

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 201 20 25
 204 <210> SEQ ID NO: 8
 205 <211> LENGTH: 25
 206 <212> TYPE: PRT
 207 <213> ORGANISM: Artificial Sequence
 209 <220> FEATURE:
 210 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 211 peptide construct
 213 <220> FEATURE:
 214 <221> NAME/KEY: MOD_RES
 215 <222> LOCATION: (3)
 216 <223> OTHER INFORMATION: Aib
 218 <220> FEATURE:
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 220 <222> LOCATION: (4)
 221 <223> OTHER INFORMATION: Lys(for)
 223 <220> FEATURE:
 224 <221> NAME/KEY: MOD_RES
 225 <222> LOCATION: (10)
 226 <223> OTHER INFORMATION: Aib
 228 <220> FEATURE:
 229 <221> NAME/KEY: MOD_RES
 230 <222> LOCATION: (11)
 231 <223> OTHER INFORMATION: Lys(for)
 233 <220> FEATURE:
 234 <223> OTHER INFORMATION: C-term amidated
 236 <400> SEQUENCE: 8

W--> 237 Val Leu Xaa Lys Leu Ser Gln Glu Leu Xaa Lys Leu Gln Thr Tyr Pro

238 1 5 10 15
 240 Arg Thr Asn Thr Gly Ser Asn Thr Tyr
 241 20 25
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 245 <211> LENGTH: 25
 246 <212> TYPE: PRT
 247 <213> ORGANISM: Artificial Sequence
 249 <220> FEATURE:
 250 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 251 peptide construct
 253 <220> FEATURE:
 254 <221> NAME/KEY: MOD_RES
 255 <222> LOCATION: (1)
 256 <223> OTHER INFORMATION: Ac-Val
 258 <220> FEATURE:
 259 <221> NAME/KEY: MOD_RES
 260 <222> LOCATION: (3)
 261 <223> OTHER INFORMATION: Aib
 263 <220> FEATURE:
 264 <221> NAME/KEY: MOD_RES

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TIME: 11:55:30

Input Set : A:\18528038.txt

Output Set: N:\CRF4\04212005\I622104A.raw

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265 <222> LOCATION: (4)
266 <223> OTHER INFORMATION: Lys(for)
268 <220> FEATURE:
269 <221> NAME/KEY: MOD_RES
270 <222> LOCATION: (10)
271 <223> OTHER INFORMATION: Aib
273 <220> FEATURE:
274 <221> NAME/KEY: MOD_RES
275 <222> LOCATION: (11)
276 <223> OTHER INFORMATION: Lys(for)
278 <220> FEATURE:
279 <223> OTHER INFORMATION: C-term amidated
281 <400> SEQUENCE: 9
W--> 282 Val Leu Xaa Lys Leu Ser Gln Glu Leu Xaa Lys Leu Gln Thr Tyr Pro
      283   1           5           10           15
285 Arg Thr Asn Thr Gly Ser Asn Thr Tyr
286           20           25
289 <210> SEQ ID NO: 10
290 <211> LENGTH: 28
291 <212> TYPE: PRT
292 <213> ORGANISM: Artificial Sequence
294 <220> FEATURE:
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296 peptide construct
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299 <221> NAME/KEY: MOD_RES
300 <222> LOCATION: (1)
301 <223> OTHER INFORMATION: 4-methylpentanoyl-Ser
303 <220> FEATURE:
304 <221> NAME/KEY: MOD_RES
305 <222> LOCATION: (6)
306 <223> OTHER INFORMATION: Aib
308 <220> FEATURE:
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310 <222> LOCATION: (7)
311 <223> OTHER INFORMATION: Lys(for)
313 <220> FEATURE:
314 <221> NAME/KEY: MOD_RES
315 <222> LOCATION: (13)
316 <223> OTHER INFORMATION: Aib
318 <220> FEATURE:
319 <221> NAME/KEY: MOD_RES
320 <222> LOCATION: (14)
321 <223> OTHER INFORMATION: Lys(for)
323 <220> FEATURE:
324 <223> OTHER INFORMATION: C-term amidated
326 <400> SEQUENCE: 10
W--> 327 Ser Thr Ala Val Leu Xaa Lys Leu Ser Gln Glu Leu Xaa Lys Leu Gln
      328   1           5           10           15

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RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/09/622,104A

DATE: 04/21/2005
TIME: 11:55:31

Input Set : A:\18528038.txt
Output Set: N:\CRF4\04212005\I622104A.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:2; Xaa Pos. 6,13
Seq#:8; Xaa Pos. 3,10
Seq#:9; Xaa Pos. 3,10
Seq#:10; Xaa Pos. 6,13
Seq#:11; Xaa Pos. 6,13
Seq#:12; Xaa Pos. 3,10
Seq#:13; Xaa Pos. 3,10
Seq#:19; Xaa Pos. 14
Seq#:27; Xaa Pos. 1,2,3,4,5,6,7,8,10,11,14,15,24,25,26,27,28,29
Seq#:28; Xaa Pos. 1,4

VERIFICATION SUMMARY

DATE: 04/21/2005

PATENT APPLICATION: US/09/622,104A

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Input Set : A:\18528038.txt

Output Set: N:\CRF4\04212005\I622104A.raw

L:82 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0
L:237 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:0
L:282 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:0
L:327 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:0
L:372 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:0
L:412 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12 after pos.:0
L:457 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:0
L:597 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19 after pos.:0
L:829 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27 after pos.:0
M:341 Repeated in SeqNo=27
L:857 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28 after pos.:0